

- (a) activity between pH 6.0 and 10.0; and
(b) is immunoreactive with rabbit immunoglobulin AS 169.--

- 33. The endoglucanase of claim 32, having a temperature optimum of about 50°C.--
- 34. The endoglucanase of claim 32 having an endoglucanase activity of at least 50 CMC-endoase units/mg of total protein.--
- 35. The endoglucanase of claim 34, wherein the endoglucanase activity is at least 60 CMC-endoase units/mg of total protein.--
- 36. The endoglucanase of claim 32, wherein the endoglucanase is obtained from a strain of *Humicola*.--
- 37. The endoglucanase of claim 36, wherein the endoglucanase is derived from *Humicola insolens*.--
- 38. The endoglucanase of claim 37, wherein the endoglucanase is derived from *Humicola insolens* DSM 1800.--
- 39. The endoglucanase of claim 32, wherein the endoglucanase is obtained from a strain belonging to a genus selected from the group consisting of the genera *Trichoderma*, *Fusarium*, *Myceliophthora*, *Phanerochaete*, *Schizophyllum*, *Penicillium*, *Aspergillus*, and *Geotricum*.--
- 40. A detergent additive comprising the endoglucanase of claim 32 in the form of a non-dusting granulate, stabilized liquid or protected enzyme.--
- 41. The detergent additive of claim 40, further comprising one or more proteases having a higher degree of specificity than a *Bacillus lentus* serine protease.

42. The detergent additive of claim 41, wherein the one or more proteases are selected from the group consisting of subtilisin Novo or a variant thereof, a protease derived from *Nocardia* *dassonvillei* NRRL 18133, a serine protease specific for glutamic and aspartic acid, derived from *Bacillus licheniformis*, and a trypsin-like protease derived from *Fusarium* sp. DSM 2672.--

43. A detergent composition, comprising the endoglucanase of claim 32 and a surfactant.--

44. The detergent composition of claim 43, further comprising one or more proteases having a higher degree of specificity than a *Bacillus lentus* serine protease.--

45. The detergent composition of claim 44, wherein the one or more proteases are selected from the group consisting of subtilisin Novo or a variant thereof, a protease derived from *Nocardia* *dassonvillei* NRRL 18133, a serine protease specific for glutamic and aspartic acid, derived from *Bacillus licheniformis*, and a trypsin-like protease derived from *Fusarium* sp. DSM 2672.--

46. A method of reducing the rate at which cellulose-containing fabrics become harsh or of reducing the harshness of cellulose-containing fabrics, comprising contacting the cellulose-containing fabrics with the endoglucanase of claim 32.--

47. A method of providing color clarification of colored cellulose-containing fabrics, comprising contacting the colored cellulose-containing fabrics with the endoglucanase of claim 32.--

48. A method of providing a localized variation in color of colored cellulose-containing fabrics, comprising treating the colored cotton-containing fabrics with the endoglucanase of claim 32.--

49. A method of improving the drainage properties of paper pulp, comprising treating the paper pulp with the endoglucanase of claim 32.--